

FIG. 1

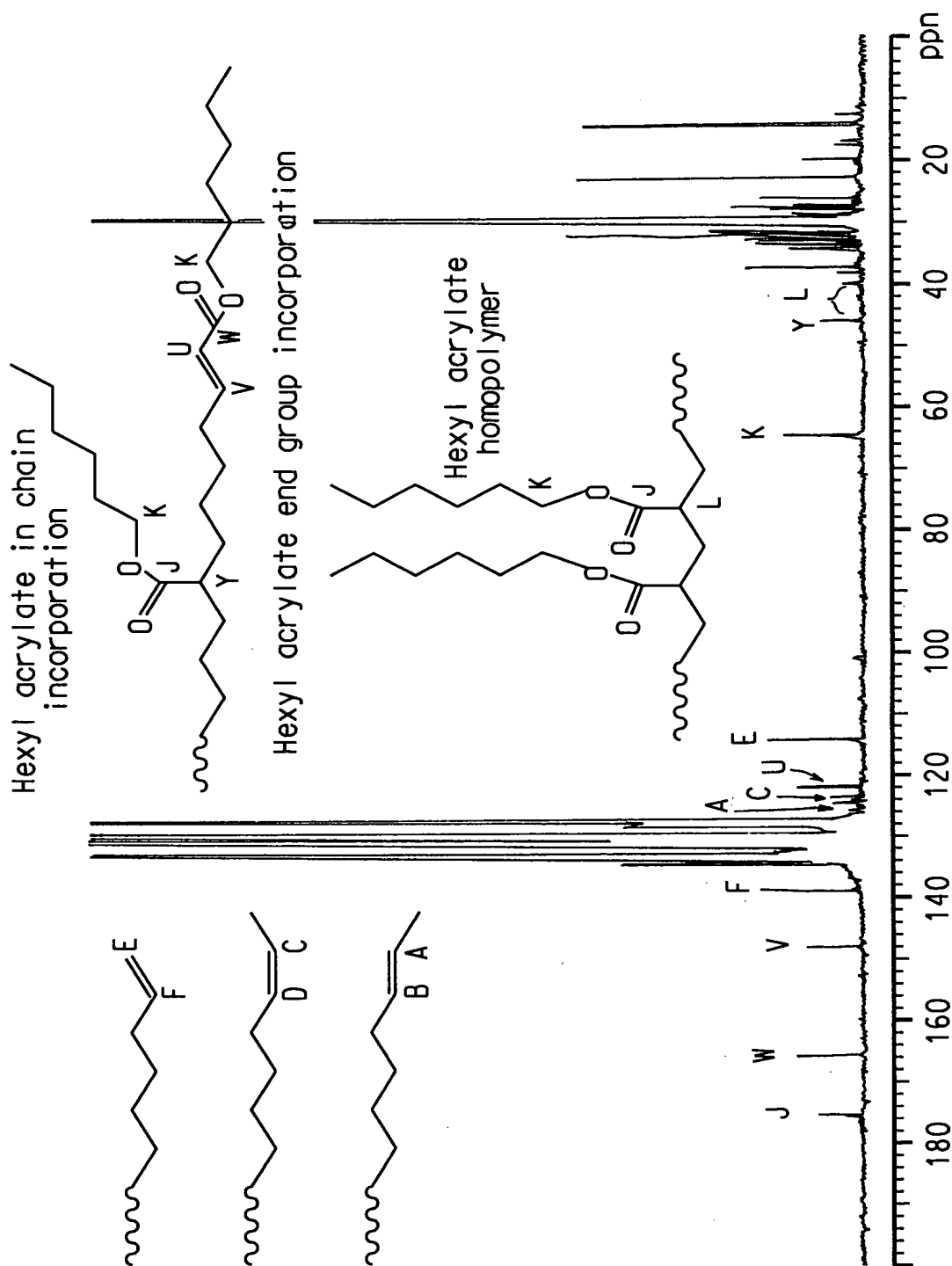


FIG. 2



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Mole % Calculations

$$\text{MA} = \frac{\text{comonomer} + \text{ends}}{\text{comonomer} + \text{ends} + \text{ethylene}}$$

$$\text{Ethylene} = \frac{\text{ethylene}}{\text{comonomer} + \text{ends} + \text{ethylene}} \quad \text{OR}$$

$$\text{MA comonomer} = \frac{\text{comonomer} + \text{ends}}{\text{comonomer} + \text{ends} + \text{homopolymer} + \text{ethylene}}$$

$$\text{MA homopolymer} = \frac{\text{homopolymer}}{\text{comonomer} + \text{ends} + \text{homopolymer} + \text{ethylene}}$$

$$\text{Ethylene} = \frac{\text{ethylene}}{\text{comonomer} + \text{ends} + \text{homopolymer} + \text{ethylene}}$$

Methyl Acrylate comonomer = Y peak
 Methyl Acrylate vinyl end = V
 Ethylene = ([10-40 ppm] - J)/2
 Methyl Acrylate homopolymer = J-Y

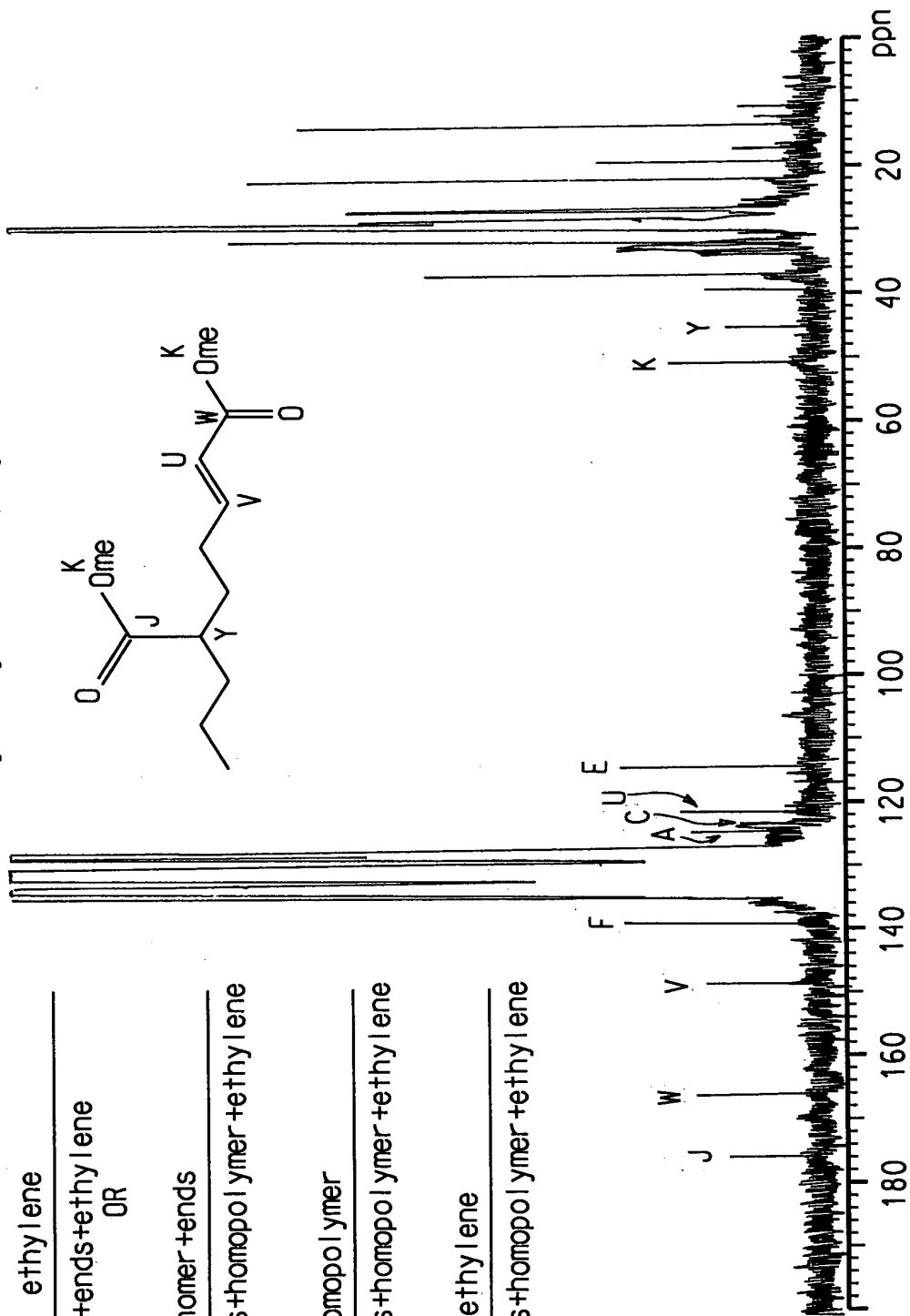
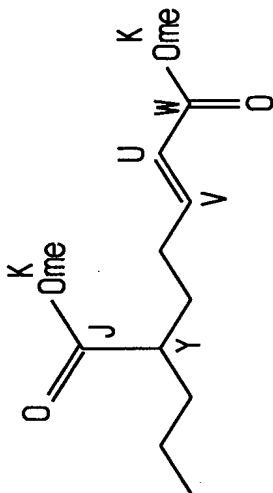


FIG. 3